

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116992.D
 Acq On : 12 Sep 2019 15:22
 Operator : HP/JU
 Sample : K4852-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Quant Time: Sep 13 07:56:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

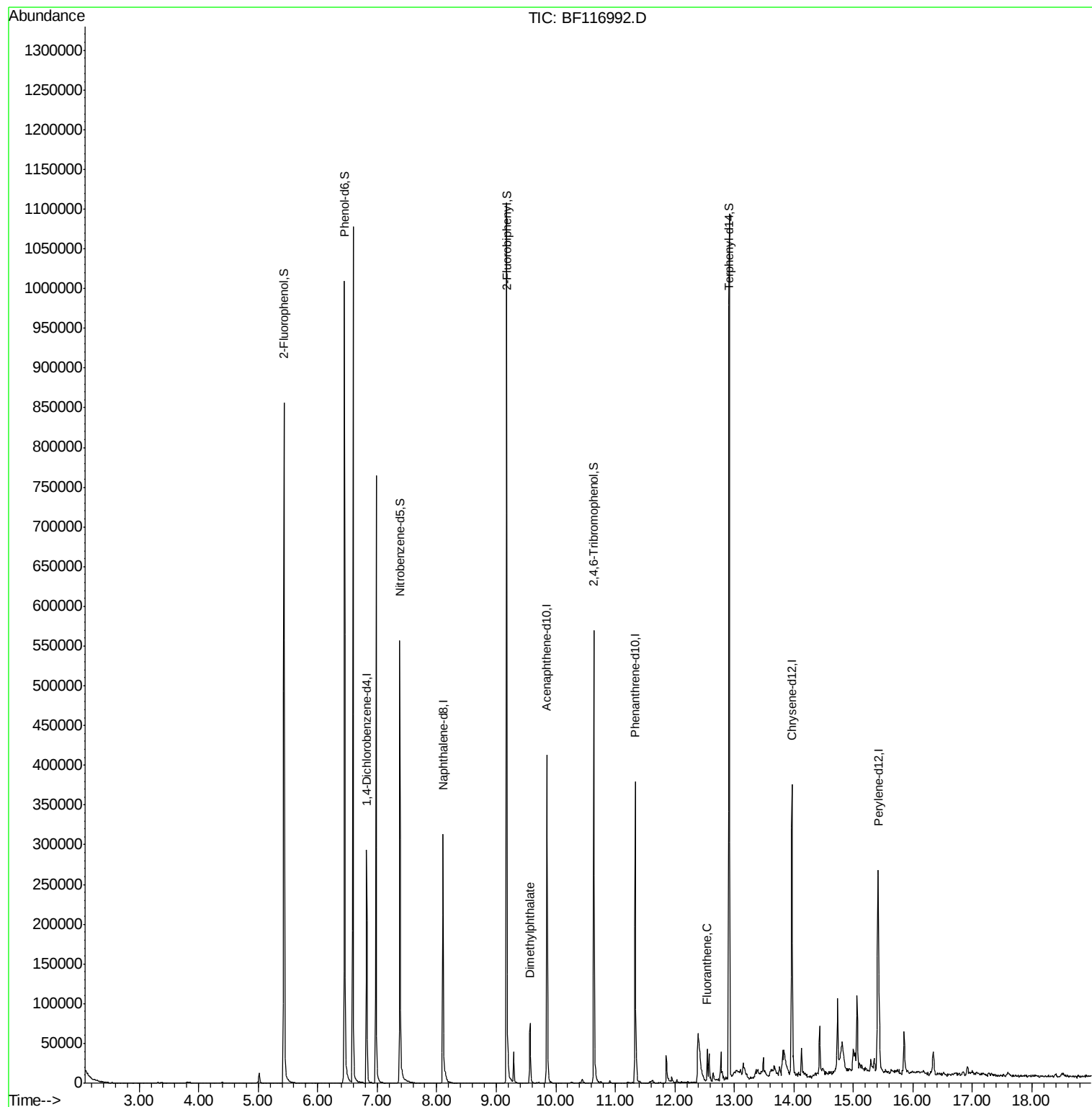
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44567	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	180008	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	92150	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	149581	20.00	ng	0.00
76) Chrysene-d12	13.97	240	117878	20.00	ng	0.00
87) Perylene-d12	15.42	264	121257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	248806	90.44	ng	0.00
7) Phenol-d6	6.45	99	346547	95.94	ng	-0.01
23) Nitrobenzene-d5	7.38	82	205191	65.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	70505	114.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	347286	63.57	ng	0.00
79) Terphenyl-d14	12.92	244	345531	54.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	39338	6.183	ng	99
75) Fluoranthene	12.54	202	17082	2.087	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

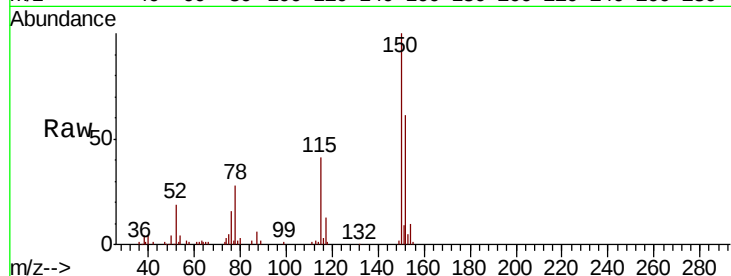
Tot Ion:152 Resp: 44567

Ion Ratio Lower Upper

152 100

150 163.5 126.2 189.2

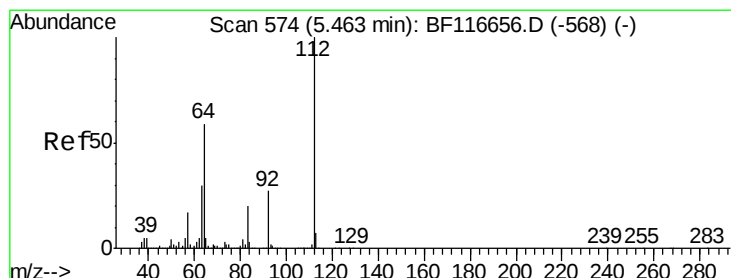
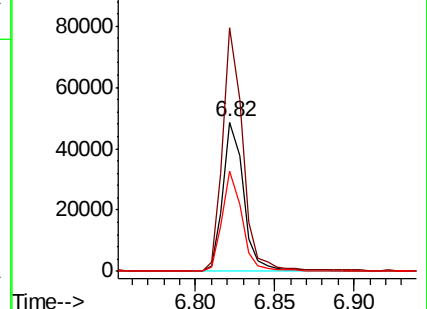
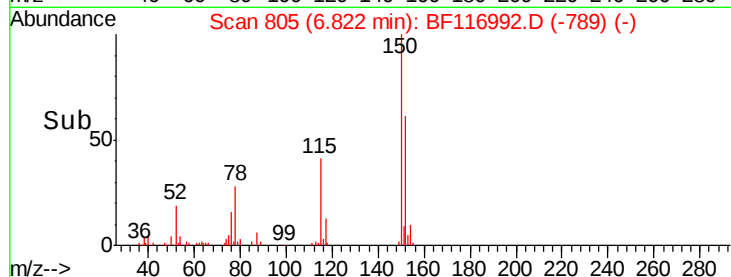
115 67.0 50.2 75.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 90.444 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

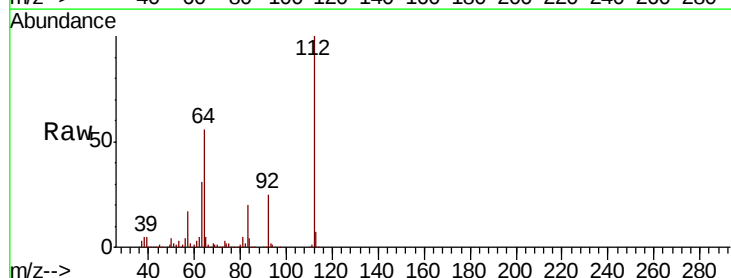
Tgt Ion:112 Resp: 248806

Ion Ratio Lower Upper

112 100

64 56.5 47.1 70.7

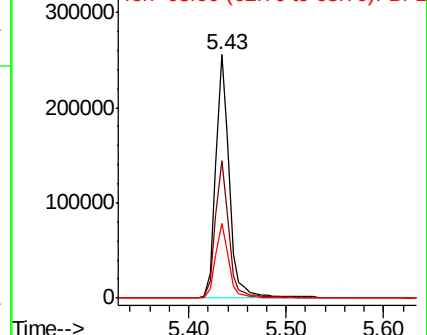
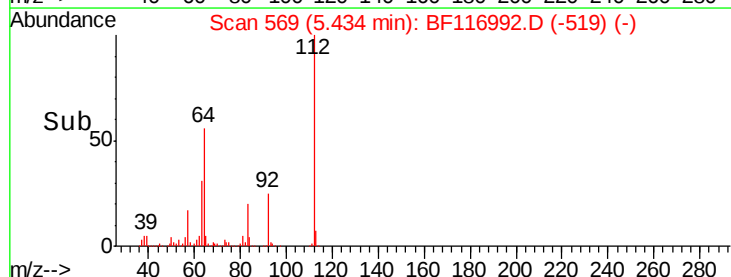
63 30.6 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.935 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

Instrument :

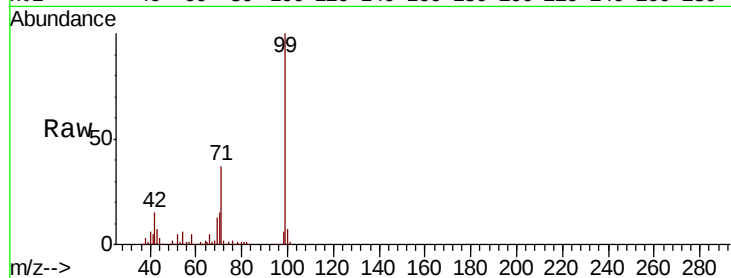
BNA_F

ClientSampleId :

GIS-1(0.-2)

Tot Ion: 99 Resp: 346547

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.0	18.0
71	37.2	29.7	44.5

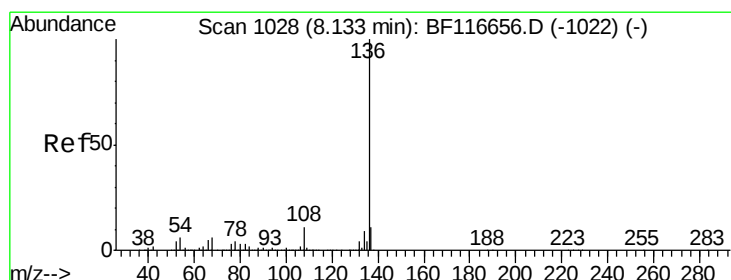
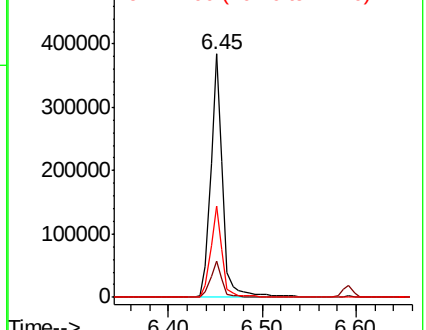
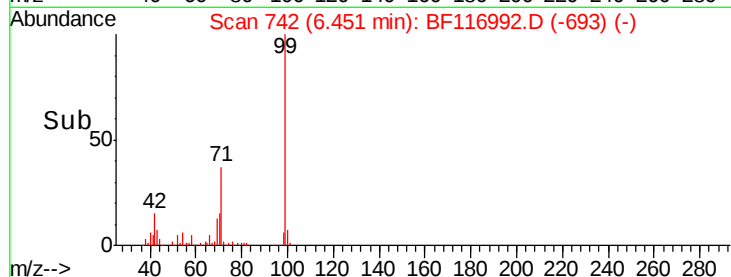


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

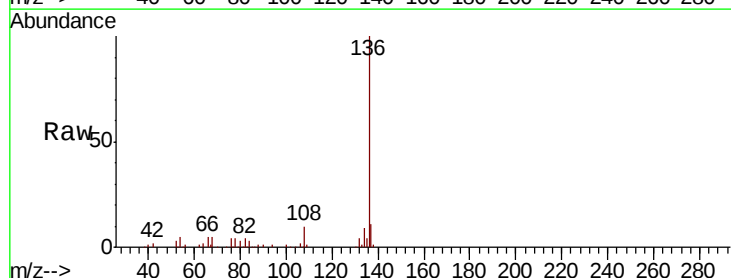
Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

Tgt Ion: 136 Resp: 180008

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	5.4	3.8	5.8
68	4.6	3.6	5.4



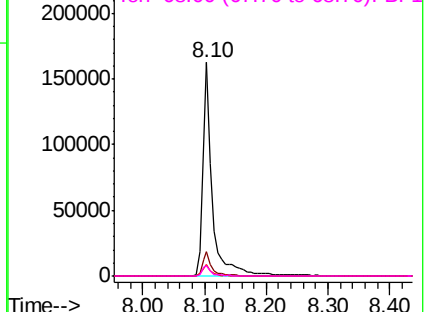
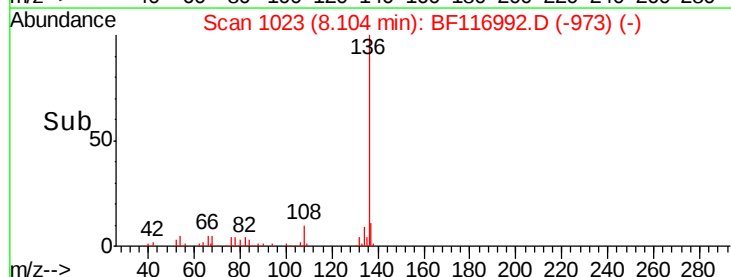
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

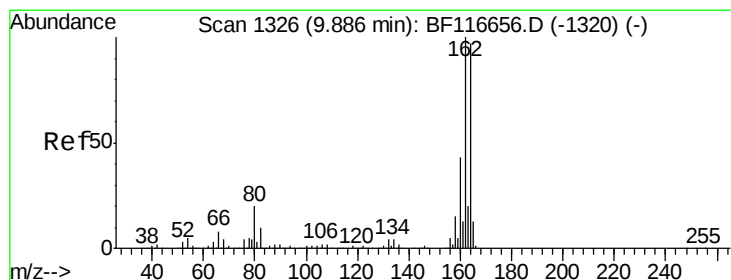
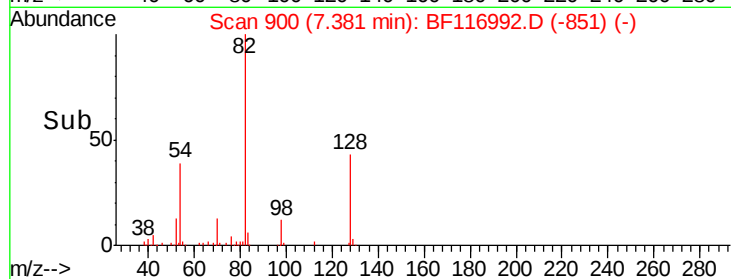
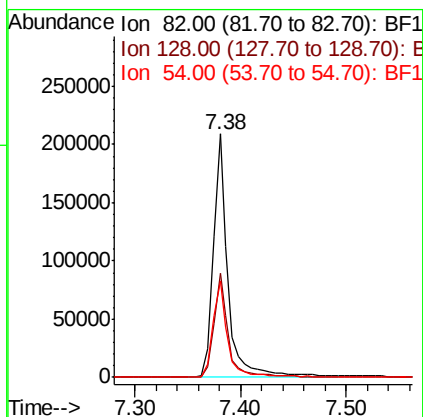
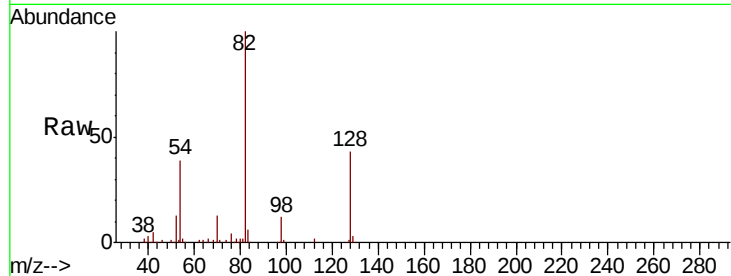




#23
 Nitrobenzene-d5
 Concen: 65.074 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF116992.D
 Acq: 12 Sep 2019 15:22

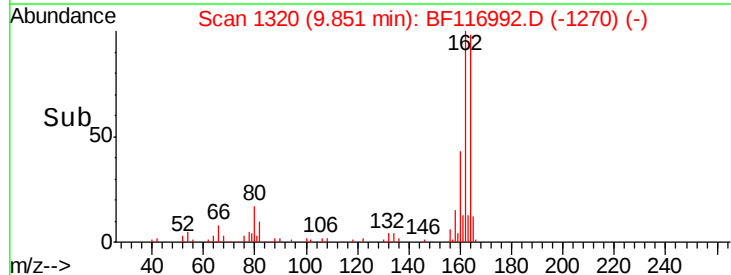
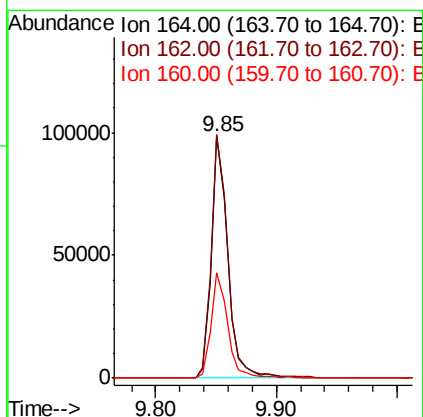
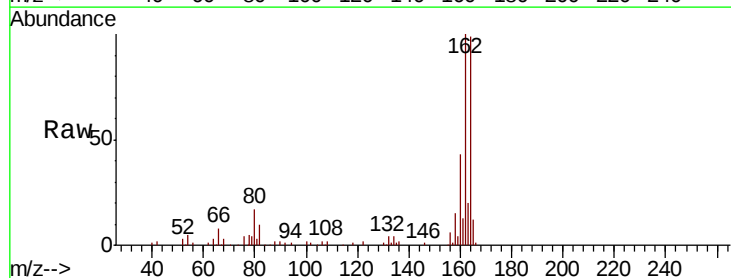
Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.4
54	39.5	32.6	48.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF116992.D
 Acq: 12 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	43.7	35.7	53.5

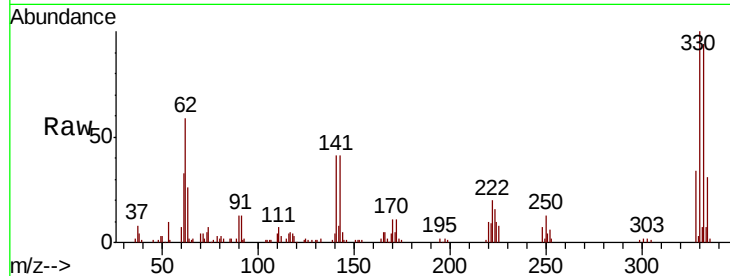




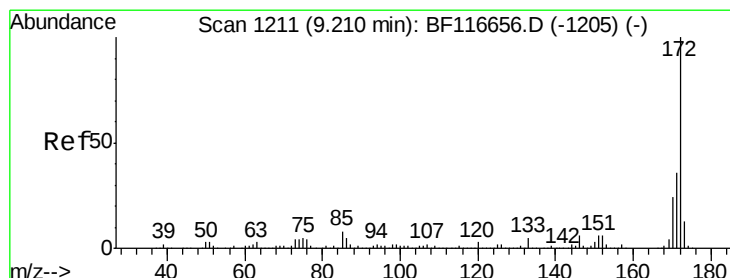
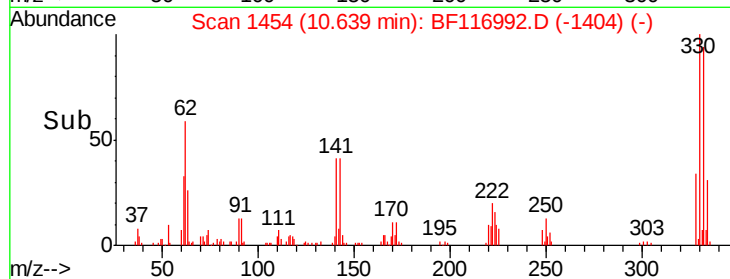
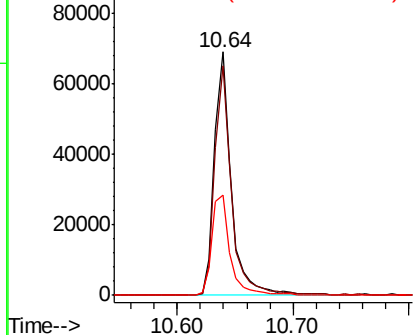
#42
 2,4,6-Tribromophenol
 Concen: 114.448 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF116992.D
 Acq: 12 Sep 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :
 GIS-1(0.-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.9	113.9
141	44.3	35.6	53.4

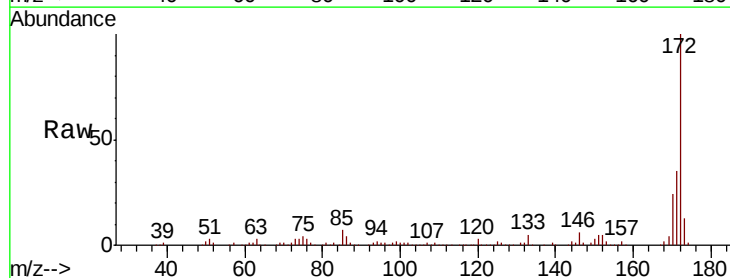


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

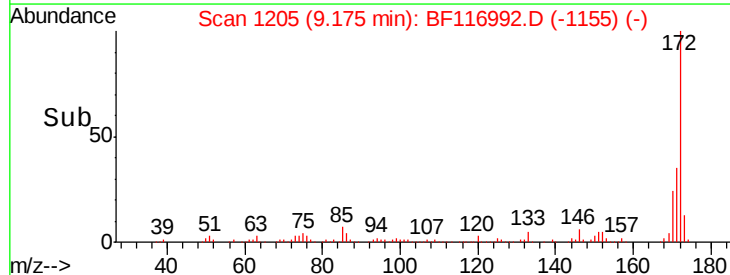
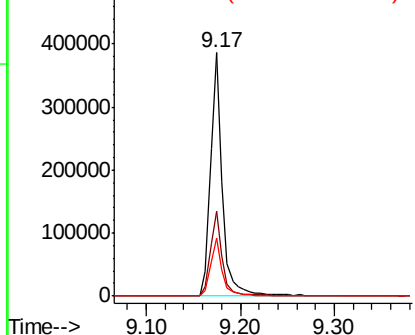


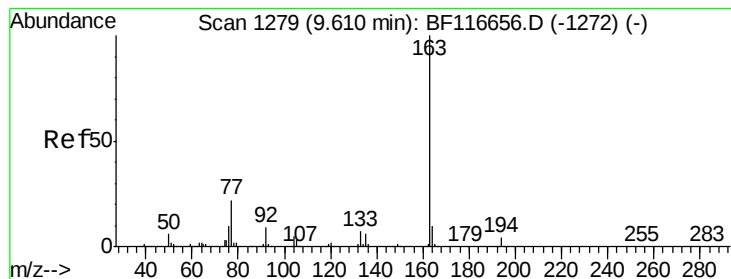
#45
 2-Fluorobiphenyl
 Concen: 63.574 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF116992.D
 Acq: 12 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	23.8	19.2	28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.183 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

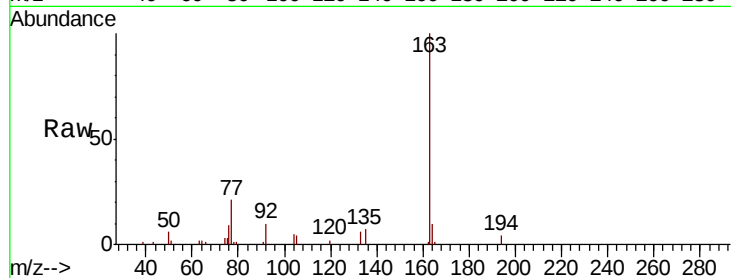
Tot Ion:163 Resp: 39338

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

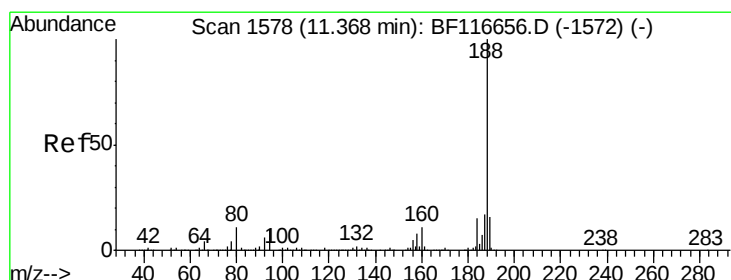
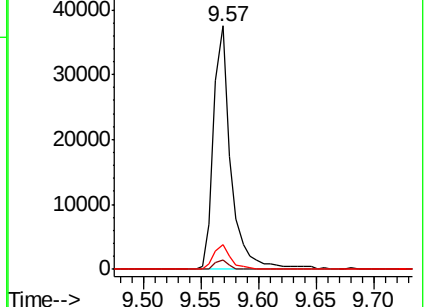
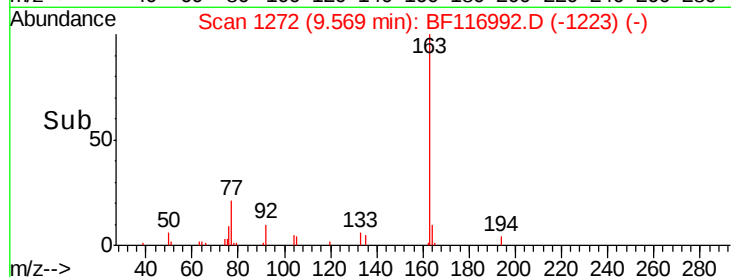
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

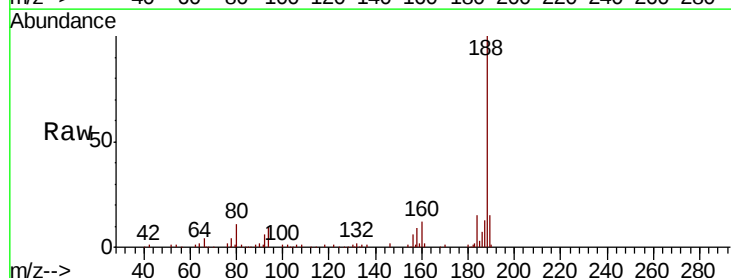
Tgt Ion:188 Resp: 149581

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

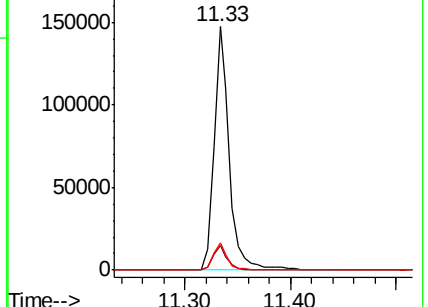
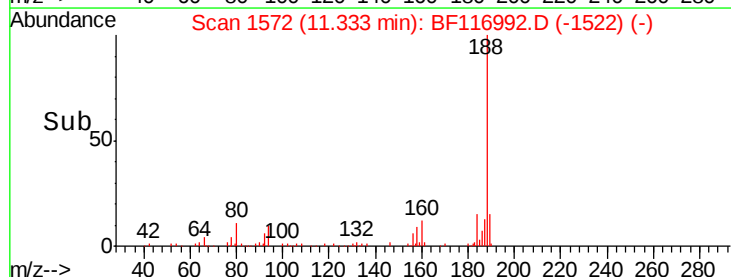
80 11.1 8.5 12.7

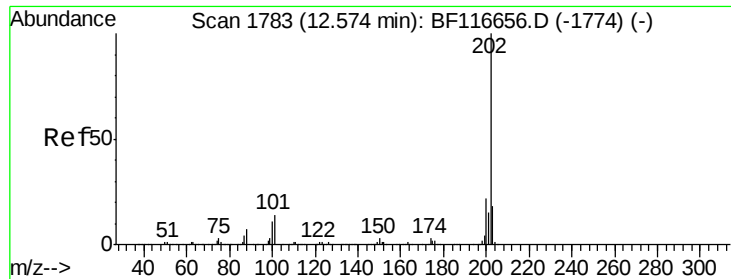


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.087 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

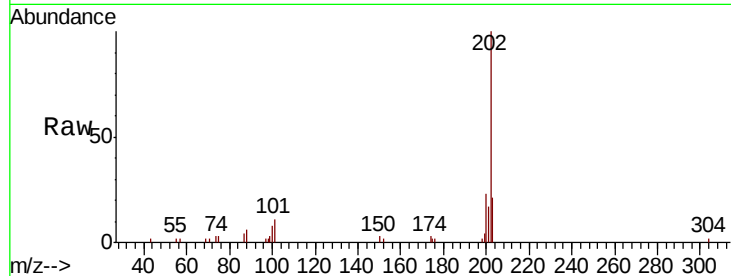
Tot Ion:202 Resp: 17082

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.0

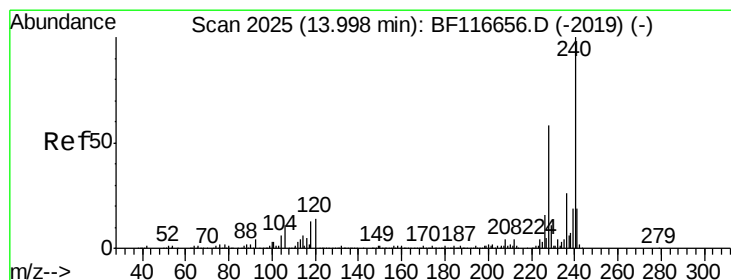
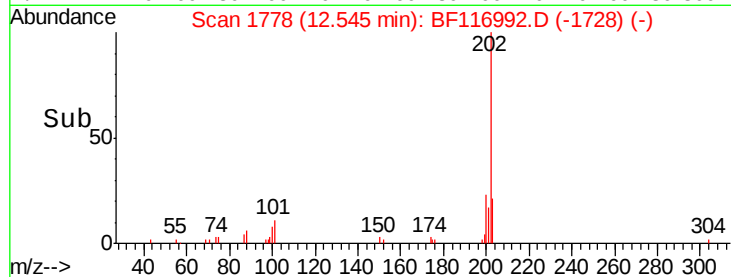
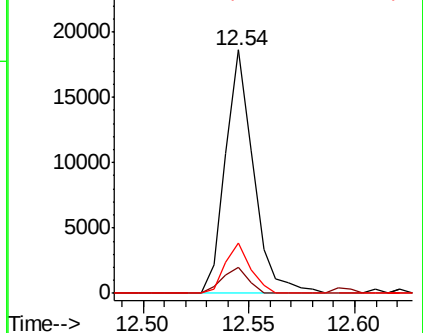
203 20.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

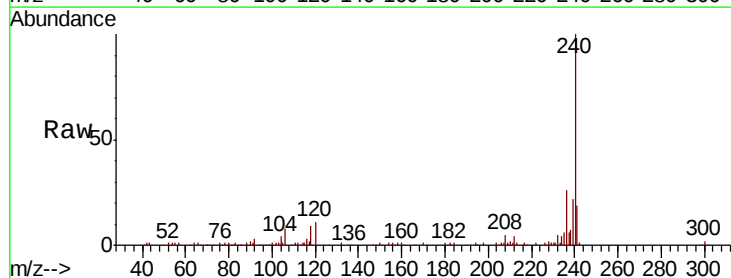
Tgt Ion:240 Resp: 117878

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

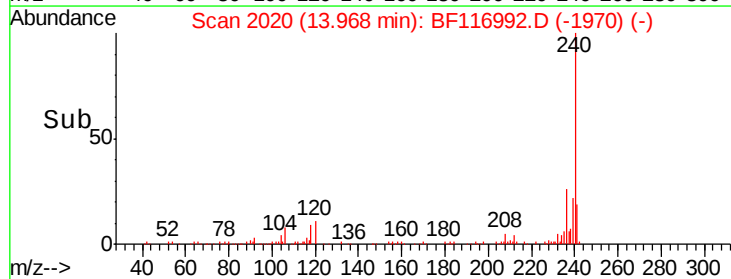
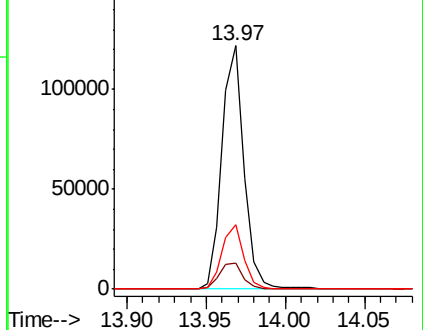
236 26.2 20.9 31.3

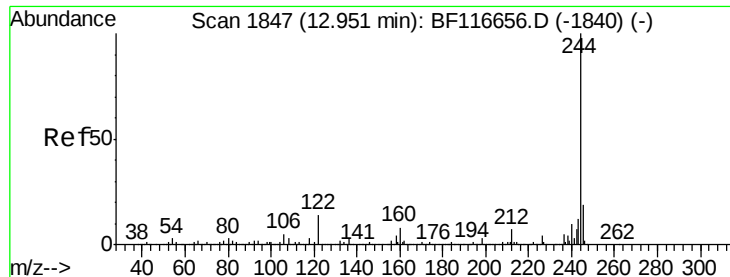


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 54.227 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

Instrument :

BNA_F

ClientSampleId :

GIS-1(0.-2)

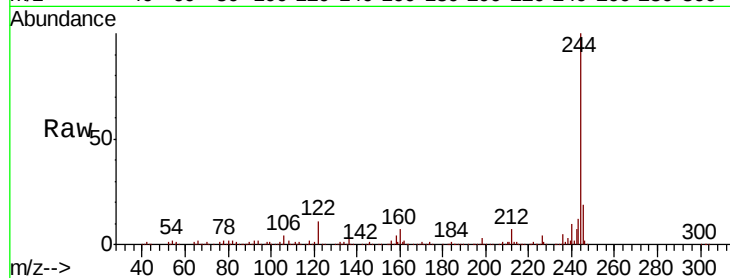
Tot Ion:244 Resp: 345531

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

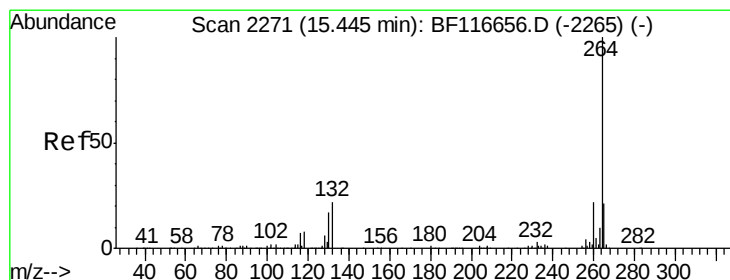
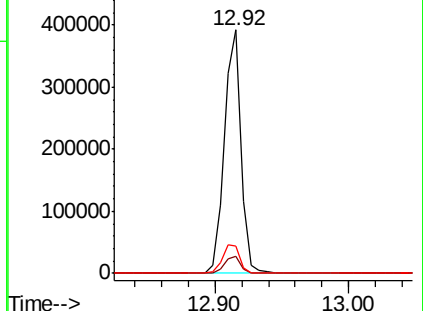
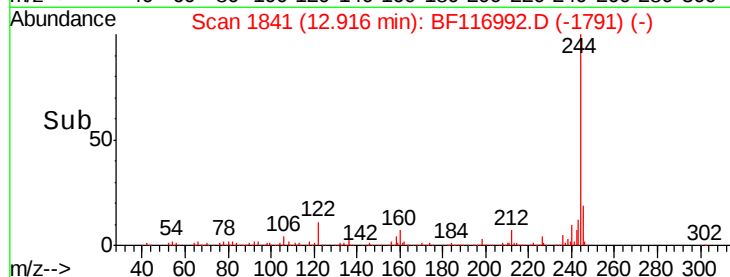
122 11.0 11.5 17.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF116992.D

Acq: 12 Sep 2019 15:22

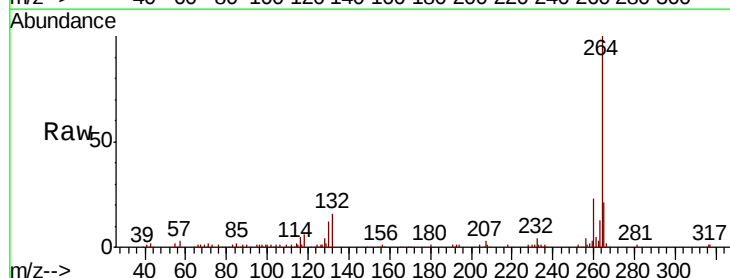
Tgt Ion:264 Resp: 121257

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 21.4 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

